Megan Williams

+1 9618108092 | qzryfszl@email.com | LinkedIn: linkedin.com/in/paebyswail | GitHub: github.com/nqcpwbztbh | Kansas City

PROFESSIONAL SUMMARY

A dedicated and results-driven **Open Source Contributor (Data)** with over **5 years** of experience in data analysis, machine learning, and predictive modeling. Skilled in transforming business needs into technical solutions using modern data science tools and practices. Passionate about solving real-world problems through data-driven approaches and delivering measurable outcomes.

CORE SKILLS

- **Technical Skills:** FastAPI, SQL, Google Cloud Platform (GCP), Java, EDA, Statistics, C++, Kubernetes
- **Analytical Skills:** Statistical modeling, hypothesis testing, data interpretation.
- **Soft Skills:** Clear communication, collaboration, agile mindset, mentoring.
- **Tools:** Tableau, Power BI, Jupyter, Git, Docker, Cloud platforms.

PROFESSIONAL EXPERIENCE

Alpha Analytics *January 2023 – November 2024*
Role: Open Source Contributor (Data)

- Extracted and analyzed large-scale datasets to uncover actionable insights for business growth.
- Built predictive models using machine learning techniques to optimize decision-making.
- Collaborated with engineers and stakeholders on end-to-end model deployment and reporting.
- Led initiatives for workflow automation, improving data pipeline efficiency by 30%.
- Provided guidance and training to junior analysts on analytical best practices.

EDUCATION

Kyoto University *Graduated: November 2024*
Master of Science in Quantitative Finance
GPA: 3.45

- Relevant Courses: Data Structures, Algorithms, Statistics, Machine Learning, Database Systems

SELECTED PROJECTS

Traffic Accident Prediction

- Led end-to-end development of a scalable data-driven system that improved operational efficiency.
- Utilized advanced analytics and machine learning for real-time prediction and automation.
- Deployed solutions with seamless integration into business intelligence dashboards.